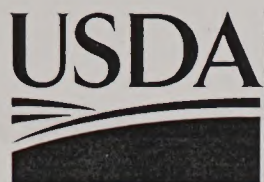


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

a SB 114
U6 I84
C.3



United States
Department of
Agriculture

Marketing and
Regulatory
Programs

Agricultural
Marketing
Service

Livestock and Seed
Program

Items of Interest in Seed Control

Winter 1999

USDA LIBRARY
NAT'L AGRIC LIBRARY
1999 APR 12 P 2:00
CURRENT AFFAIRS BRANCH

| | |
|---|---|
| Acting Chief | 1 |
| Retirements | 1 |
| Vera Colbry | 1 |
| Reserve Seed Collection Needs Seed Samples | 2 |
| Revised Directory of Services | 3 |
| Federal Seed School | 4 |
| Reminder--Trueness-to-Variety Testing Program for 1999 | 4 |
| Seed Regulatory and Testing Branch Publications On-Line | 5 |
| Federal Seed Act Cases Settled | 5 |
| Ryegrass Fluorescence List | 6 |
| Additions to Plant Variety Protection Certificates | 7 |

Seed Regulatory and Testing Branch
Room 209, Building 306, BARC-East
Beltsville, Maryland 20705-2325
301-504-9430

ACTING CHIEF

Assistant Branch Chief **Richard C. Payne** is serving as Seed Regulatory and Testing Branch (SRTB) acting chief following the retirement of former chief Jim Triplitt. Permanent personnel decisions will be made at a later date.

RETIREMENTS

The end of 1998 marked the retirement of 2 SRTB employees. Branch Chief **James P. Triplitt** and Botanist **James F. Schoen** both decided it was time to end their active Federal careers.

Triplitt had been branch chief since March 1987 and had worked for the SRTB since August 1975. He started his Federal career as officer-in-charge of our former field office in Montgomery, Alabama. When the Montgomery office was closed in 1982, Jim transferred to our Beltsville Testing Section as the assistant laboratory supervisor. He is a graduate of Texas A&M University and worked for the Texas Department of Agriculture for 15 years before joining the SRTB.

Schoen personified the term "long-term" employee. He had 45 years of Federal government service. He worked for the SRTB from 1963 until his retirement. Prior to that he worked for approximately 8 years with USDA's Plant Quarantine Division. He also served in the United States Army. Some of the more specialized work that Jim accomplished over his career included procedures for bioassay of fungicide treated seed, detection of seed pathogens, electrophoresis and isoelectric focusing methods for distinguishing plant varieties, and work on tests to determine herbicide tolerant crops.

We wish them well in retirement.

VERA COLBRY

We are sorry to report that Vera Colbry, one of our retirees, passed away on February 14, 1999, in Anchorage, Alaska. From 1969 until she retired in 1980, Vera was the Officer-in-Charge of the field office we had in Sacramento, CA. She was active in the Association of Official Seed Analysts and the International Seed Testing Association. She also taught at seed schools and authored many papers, charts, and seed keys. Vera retired to Sequim, Washington.

RESERVE SEED COLLECTION NEEDS SEED SAMPLES

The SRTB plans to restock and update the Reserve Seed Collection (RSC) this summer. We are asking for your help in replenishing the RSC. The table below shows species that are either depleted or have limited seeds remaining. Please send seed donations prior to June 1, 1999. We will publish a revised RSC list at a later date.

Please send your RSC samples to:

Leigh Wiltison-Allen
Reserve Seed Collection Coordinator
USDA, AMS, SRTB, Testing Section
Room 213, Building 306, BARC-East
Beltsville, Maryland 20705-2325

Telephone: 301-504-8344
Fax: 301-504-8098
E-mail: leigh.wiltison@usda.gov

RSC List of Samples Needed

Samples of the following species have only limited seeds remaining:

| RSC # | Kind name |
|-------|--|
| 58 | <i>Atriplex semibaccata</i> |
| 96 | <i>Brassica rapa</i> var. <i>Sarson</i> |
| 102 | <i>Bromus hordeaceus</i> (= <i>Bromus mollis</i>) |
| 104 | <i>Bromus japonicus</i> |
| 106 | <i>Bromus rigidus</i> |
| 107 | <i>Bromus rubens</i> |
| 108 | <i>Bromus secalinus</i> |
| 110 | <i>Bromus tectorum</i> |
| 140 | <i>Centaurea solstitialis</i> |
| 161 | <i>Cicuta maculata</i> |
| 187 | <i>Cucurbita moschata</i> |
| 195 | <i>Cynodon dactylon</i> var. <i>aridus</i> |
| 200 | <i>Cyperus esculentus</i> |
| 227 | <i>Echinochloa colona</i> |
| 268 | <i>Festuca pratensis</i> |
| 271 | <i>Festuca tenuifolia</i> |
| 285 | <i>Grindelia squarrosa</i> |
| 309 | <i>Hyptis suaveolens</i> |
| 311 | <i>Ilex cornuta</i> |
| 330 | <i>Lathyrus aphaca</i> |
| 343 | <i>Lespedeza juncea</i> |
| 361 | <i>Lotus purshianus</i> |
| 548 | <i>Solanum ptycanthum</i> |
| 629 | <i>Xanthium strumarium</i> |
| 650 | <i>Eclipta prostrata</i> |
| 653 | <i>Ginkgo biloba</i> |

| | |
|-----|--------------------------------|
| 656 | <i>Lathyrus hirsutus</i> |
| 665 | <i>Senecio jacobaea</i> |
| 673 | <i>Stenotaphrum secundatum</i> |

Samples of the following species have been completely depleted:

| RSC # | Kind name |
|-------|----------------------------------|
| 7 | <i>Aegilops cylindrica</i> |
| 41 | <i>Anthyllis vulneraria</i> |
| 95 | <i>Brassica rapa</i> |
| 109 | <i>Bromus stamineus</i> |
| 125 | <i>Cardiospermum halicacabum</i> |
| 126 | <i>Carduus flodmanni</i> |
| 131 | <i>Carex frankii</i> |
| 137 | <i>Cenchrus incertus</i> |
| 142 | <i>Cercis canadensis</i> |
| 166 | <i>Clidemia hirta</i> |
| 182 | <i>Cucumeropsis mannii</i> |
| 214 | <i>Digitalis purpurea</i> |
| 223 | <i>Distichlis spicata</i> |
| 302 | <i>Hordeum murinum</i> |
| 316 | <i>Ipomoea pandurata</i> |
| 398 | <i>Orobanche ramosa</i> |
| 434 | <i>Phaseolus coccineus</i> |
| 537 | <i>Simmondsia chinensis</i> |
| 577 | <i>Tragopogon pratensis</i> |
| 628 | <i>Xanthium spinosum</i> |
| 640 | <i>Artemisia tridentata</i> |

REVISED DIRECTORY OF SERVICES

SRTB members have new E-mail addresses because we have a new E-mail delivery system. Please be sure to enter the names as shown below in any electronic correspondence with us:

Directory of Services

Seed Regulatory and Testing Branch
LS, AMS, U.S. Department of Agriculture
Center Road (for delivery use only)
Building 306, 2nd Floor, BARC-East
Beltsville, Maryland 20705-2325

<http://www.ams.usda.gov/lsg/seed/ls-sd.htm>

HEADQUARTERS SECTION, Room 209

FAX 301-504-5454

Dr. Richard C. Payne
Acting Chief
301-504-9237
richard.payne2@usda.gov

Jeri Irwin
Secretary/Seed Marketing Assistant
301-504-9430
jeri.irwin@usda.gov

REGULATORY SECTION, Room 209

FAX 301-504-5454

Don Dreyer
Seed Marketing Specialist
for the Northeastern Region
301-504-9188
louis.dreyer@usda.gov

Jonathan Farmer
Computer Supervisor/Seed Marketing Specialist
for the Western Region
301-504-8183
jonathan.farmer@usda.gov

Steve Hurst
Seed Marketing Specialist
for the North Central Region
301-504-9356
steve.hurst@usda.gov

Harold Laswell
Seed Marketing Specialist
for the Southern Region
301-504-8426
harold.laswell@usda.gov

TESTING SECTION, Room 213

FAX 301-504-8098

Dr. Richard C. Payne
Assistant Chief/Laboratory Supervisor
301-504-8089
richard.payne2@usda.gov

Susan Haney
Secretary
301-504-8089
susan.haney@usda.gov

Leigh Wiltison-Allen
Reserve Seed Collection Coordinator/
Biological Laboratory Technician
301-504-8344
leigh.wiltison@usda.gov

David Bitzel
Botanist
301-504-8177
david.bitzel@usda.gov

Susan Maxon
Botanist
301-504-8089
susan.maxon@usda.gov

Al Burgoon
Horticulturist/Variety Specialist
301-504-8138
al.burgoon@usda.gov

Linda Vanderhoof
Office Automation Clerk for
Headquarters, Regulatory, & Testing Sections
301-504-8089
linda.vanderhoof@usda.gov

FEDERAL SEED SCHOOL

A one-week Federal Seed School is scheduled to be held at the Minnesota Crop Improvement Association, St. Paul, MN, from May 17 to 21, 1999. Topics will include crop and weed seed identification, purity, and standard germination, with emphasis on correct application of seed testing rules.

Enrollment for this seed school is filled. If your laboratory is interested in hosting a Federal Seed School next year, please contact Dr. Richard C. Payne.

REMINDER--TRUENESS-TO-VARIETY TESTING PROGRAM FOR 1999

The following are crops tentatively planned for this year's trueness-to-variety testing. If you have any questions, contact:

Al C. Burgoon
Variety Specialist
USDA, AMS, SRTB, Testing Section
Room 213, Building 306, BARC-East
Beltsville, Maryland 20705-2325

Telephone: 301-504-8138
Fax: 301-504-8098
E-mail: al.burgoon@usda.gov

| Test Site | Crop | Minimum Sample Size Grams | Cut-Off Date |
|--------------|---|---------------------------------|--------------|
| Maryland | sweet corn | 50 | April 15 |
| South Dakota | spring small grains: oat, wheat, barley | 30 | April 15 |
| Virginia | field corn | 50 | April 15 |
| Louisiana | cowpea | 40 | May 1 |
| Texas | sorghum millet | 25 1 | May 15 |
| Florida | radish (fall) lettuce (fall) | 2 0.5 | August 15 |
| Georgia | winter small grains (fall) | 50 | October 1 |
| Kansas | winter small grains (fall) | 30 | October 1 |

SEED REGULATORY AND TESTING BRANCH PUBLICATIONS ON-LINE

Our readers are reminded that this and other SRTB publications are available on our home page at our Internet site (<http://www.ams.usda.gov/lsg/seed/ls-sd.htm>). If you prefer to access publications electronically and be removed from the mailing list for the Items of Interest in Seed Control or any of our other publications, please let us know. Some recipient organizations have issues mailed to more than one office or person. If that applies to your organization, please make it as clear as possible whether the desire to receive the publication electronically applies to all addressees or only specific ones.

FEDERAL SEED ACT CASES SETTLED

The following cases were settled administratively under the Federal Seed Act between October 1 and December 31, 1998. Under the administrative settlement procedure, the SRTB and the firms agreed to settle the cases for the amount specified with the firms neither admitting nor denying the charges:

- Beachner Seed Company, St. Paul, KS has paid \$2,100 for a case involving four seed shipments. The alleged violations, while not the same for all shipments, were false labeling as to purity and germination; failure to show required information for a seed component in a mixture; and failure to keep required records. Seed regulatory officials in Arkansas, Missouri, and Virginia cooperated in the initial sampling and inspection.
- Farmers Ag. Center, Mountain Grove, MO has paid \$4,900 for a case involving nine seed shipments. The alleged violations, while not the same for all shipments, were false labeling as to variety and to being a "lot of seed"; false labeling of noxious-weed seed, failure to show the presence of each noxious-weed seed, and containing noxious-weed seed in excess of the state's limit; and failure to keep required records. Seed regulatory officials in Alabama, Arkansas, and Tennessee cooperated in the initial sampling and inspection.

RYEGRASS FLUORESCENCE LIST

We have not received any changes from the National Grass Variety Review Board since our last issue.

| Perennial Ryegrass Variety Name | Percent Varietal Fluorescence | Perennial Ryegrass Variety Name | Percent Varietal Fluorescence | Perennial Ryegrass Variety Name | Percent Varietal Fluorescence |
|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--|-------------------------------------|
| 246 | 0.27% | Greenland | 1.20% | Rodeo II | 2.47% |
| 2CB | 1.97% | Grimalda | 2.00% | Saturn II | 0.85% |
| 856 | 0.87% | Headstart | 2.09% | Seville | 0.33% |
| 89-90 | 2.15% | Imagine | 1.31% | Sherwood | 1.08% |
| 90-14 ¹ | 7.12% | ISI-MBH ¹ | 1.27% | Shining Star | 0.10% |
| A7 White ¹ | 2.19% | ISI-RUPR (Gator II) ¹ | 2.50% | Sonata | 1.20% |
| Academy | 2.33% | Laredo ¹ | 0.53% | SR 4100 | 0.37% |
| Accent | 0.56% | Legacy | 0.37% | SR 4200 | 0.34% |
| Accolade | 4.83% | Lindsay | 1.72% | Stallion Select | 2.37% |
| Accord | 4.08% | Line Drive | 2.72% | Stallion Supreme | 1.16% |
| Achiever | 0.93% | Linn | 5.00% | Stardance | 1.90% |
| Advent | 0.14% | Lowgrow | 1.31% | Statesman | 1.27% |
| Affinity | 0.77% | Lowgrow II | 1.35% | Statesman II | 8.42% |
| Agresso | 2.00% | LRF-94-C8 ¹ | 0.64% | Target | 3.28% |
| All*Star | 0.47% | Lynx | 4.19% | Tonga | 11.53% |
| Allaire II | 1.15% | Magic | 1.21% | Top Hat | 0.77% |
| APM | 0.59% | Majesty | 1.59% | Topeka | 2.34% |
| Aquarius | 0.97% | Manhattan II | 0.65% | Tove | 17.48% |
| Archer | 1.51% | Manhattan 3 | 0.88% | Twister | 3.85% |
| Assure | 0.72% | Mardi Gras | 1.07% | Vantage | 2.19% |
| Bedford | 1.40% | Morningstar | 0.87% | Vivid | 1.24% |
| Bella | 0.65% | Mulligan | 1.86% | Wild Dance | 1.17% |
| Blackhawk | 1.17% | Navajo | 0.37% | Wind Star | 0.47% |
| Blazer III | 1.18% | Newlinn | 5.85% | Wizard | 2.57% |
| Boardwalk | 2.72% | NightHawk | 1.39% | WVPB-93-KFK ¹ | 3.84% |
| Breeze | 1.57% | Nobility | 7.53% | WVPB-PR-92-4 ¹ | 5.48% |
| Brightstar | 1.79% | Nomad | 1.03% | WVPB-PR-C-2, C-2 ¹ | 8.65% |
| Brightstar II | 2.24% | Nova | 1.00% | Yorktown III | 1.42% |
| Buccaneer | 7.44% | Omega 3 | 0.73% | | |
| C-21 | 6.28% | Omni | 0.51% | Annual | Percent |
| Caliente | 0.74% | Pageant | 2.22% | Ryegrass | Varietal |
| Calypso | 1.29% | Palmer | 1.04% | Variety Name | Fluorescence |
| Calypso II | 0.47% | Palmer II | 1.51% | Florida 80 | 98.89% |
| Catalina | 3.18% | Palmer III | 0.23% | Grazer | 99.78% |
| Cathedral | 0.85% | Panther | 1.18% | Gulf | 99.02% |
| Chaparral | 1.62% | Passport | 1.06% | Jackson | 98.80% |
| Charger II | 0.54% | Patriot II | 0.42% | Magnolia ² | --- |
| Charisma | 2.39% | Pearl | 1.86% | Marshall | 96.00% |
| Chatham ¹ | 2.11% | Pegasus | 2.41% | Rio ¹ | 98.97% |
| Citation III | 0.96% | Pennant | 0.50% | Surrey | 98.91% |
| Commander | 1.02% | Pennant II | 1.63% | TAM 90 | 98.45% |
| Cutter | 1.65% | PICK Lp Q-93 ¹ | 6.44% | | |
| Dancer | 0.78% | Pick PR 15-91 (Jiffie) ¹ | 6.06% | ¹ Experimental Designation and/or | |
| Dandy | 2.00% | Pleasure | 4.09% | Variety | |
| Delaware Dwarf | 2.60% | PR8820 | 0.79% | | |
| Derby Supreme | 2.85% | Prelude | 1.72% | ² Exempt from varietal fluorescence | |
| Dillon | 4.14% | Prelude II | 2.25% | testing calculations. | |
| Divine | 3.09% | Prelude III | 0.59% | | |
| Edge | 1.73% | Prizm | 0.71% | | |
| Elegance | 1.51% | Protocol | 4.30% | | |
| Elf | 0.75% | Quickstart | 0.18% | | |
| Elite | 4.84% | R2 | 1.25% | | |
| Envy | 0.22% | Regency | 0.99% | | |
| Equal | 1.98% | Repell | 0.33% | | |
| Evening Shade | 1.17% | Repell II | 1.56% | | |
| Excel | 1.53% | Repell III | 0.80% | | |
| Express | 4.00% | Reveille | 2.00% | | |
| Fiesta II | 1.14% | Riviera | 0.58% | | |
| Gator | 0.88% | Riviera II | 1.08% | | |
| Gettysburg | 2.74% | Roadrunner | 2.53% | | |

Additions To
Plant Variety Protection
Certificates

PLANT VARIETY PROTECTION CERTIFICATES
(**Issued** July 17, 1998, through January 31, 1999)

| KIND VARIETY | APPLICANT | TITLE V (GEN.) | 1994 PVPA |
|---------------------|--------------------------------------|-------------------|--------------|
| BARLEY | | | |
| Foster | NDSU Research Foundation | Y (3) | Y |
| RYEGRASS, PERENNIAL | | | |
| Topeka | Smith Seed Services | | |
| TRITICALE | | | |
| Companion | Drs. Fred C. and Nancy A. Elliott | | |
| WHEAT, COMMON | | | |
| Elkhart | HybriTech US, a Monsanto Company | Y (3) | Y |
| Hamer | HybriTech US, a Monsanto Company | Y (3) | Y |
| Hickok | HybriTech US, a Monsanto Company | Y (3) | Y |

(*) No limit to the number of generations of certified seed beyond breeders seed.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.